

Before the
FEDERAL COMMUNICATIONS COMMISSION
Washington, D. C. 20554

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In the Matter of
Filing and Review of
Open Network Architecture Plans

) CC Docket No. 88-2,
) Phase I
)

AMENDMENTS TO BELL ATLANTIC'S ONA PLAN

The Bell Atlantic Telephone
Companies

By Their Attorney

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Dated: April 15, 1999

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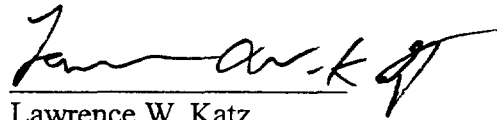
AMENDMENTS TO BELL ATLANTIC'S ONA PLAN

The Commission requires each of the regional Bell operating companies, including Bell Atlantic¹, to file an amendment to its Open Network Architecture ("ONA") plan on April 15 of each year showing its ONA implementation and future plans.² The required information is attached.

Respectfully submitted,

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April 15, 1999

¹ The Bell Atlantic Telephone Companies ("Bell Atlantic") are Bell Atlantic-Delaware, Inc.; Bell Atlantic-Maryland, Inc.; Bell Atlantic-New Jersey, Inc.; Bell Atlantic-Pennsylvania, Inc.; Bell Atlantic-Virginia, Inc.; Bell Atlantic-Washington, D.C., Inc.; Bell Atlantic-West Virginia, Inc.; New York Telephone Company and New England Telephone and Telegraph Company.

² *Memorandum Opinion and Order*, 6 FCC Rcd 7646 (1991) ("Order").

TABLE OF CONTENTS

	<u>PAGE</u>
1. ONA Services Deployment Schedule	A - 1
2. New ONA Service Requests	A - 2
3. ONA Service Technical Feasibility	A - 3
4. Deployment of New Technologies	A - 4
5. Services Using New Technologies	A - 5
6. Uniformity	A - 7
7. BNA and CNI Services	A - 8
8. OSS Development and Implementation	A - 9
9. OSS Uniformity	A - 10
10. Bell Atlantic's Use of BSEs	A - 11

APPENDIX A ONA Service Deployment Schedules

APPENDIX B Projected Deployment of New Technologies

(1) Submit a report of actual deployment of ONA services on December 31, 1998, and the annual projected deployment schedules for ONA services on December 31, 1999, 2000, and 2001.³

Bell Atlantic's deployment schedules appear in Appendix A.

³ Order at ¶ 9, revised by *Memorandum Opinion and Order on Reconsideration*. 8 FCC Rcd 97, ¶18 (1993) ("Recon. Order").

(2) New ONA service requests from ESPs and their disposition, and disposition of ONA service requests that have previously been designated for further evaluation.⁴

Since the filing of the April 15, 1998 ONA Amendment, Bell Atlantic has not received any new ONA service requests from unaffiliated ESPs.

⁴ Order at ¶ 18.

(3) ONA service requests previously deemed technically infeasible, and their disposition.⁵

The listing of ONA capabilities deemed technically infeasible and their disposition has remained unchanged from those that were reported in the April 15, 1998 ONA Amendment.

⁵ *Id.* at ¶ 19.

(4) Projected deployment of Common Channel Signaling System 7 (“SS7”), Integrated Services Digital Network (“ISDN”) and Intelligent Network (“IN”) capabilities.⁶

Information on projected deployment of these technologies and architectures appears in Appendix B.

⁶ *Id.* at ¶ 29 and n.44.

(5) New ONA services available through SS7, ISDN and IN, and plans to provide those services.⁷

Common Channel Signaling System 7 ("SS7")

The deployment of SS7 is ubiquitous in the Bell Atlantic region. Almost all switches are SS7 compatible, and, for those few switches that are not SS7 compatible, Bell Atlantic, through the use of hubbing arrangements, can offer all end user access to this technology. By August 1999, Bell Atlantic expects that all switches will be fully SS7 compatible.

Integrated Services Digital Network ("ISDN")

Bell Atlantic continues to actively and aggressively deploy ISDN technology throughout the footprint. As the demand for bandwidth increases, Bell Atlantic is committed to increasing the availability of ISDN throughout the region.

Advanced Intelligent Network ("AIN")

Bell Atlantic continues to expand its AIN switch-based capabilities and has introduced various new AIN-based services since the 1998 filing. These include:

- *Local Number Portability Query Service*, which provides subscribing carriers with telephone number routing information associated with local number portability;
- *Easy Number Service*, which permits the use of a single telephone number across a wide area;

⁷ *Id.* at ¶ 29.

- *711 Relay Service*, which enables a hearing impaired customer to dial 711 and be routed to a Telecommunications Relay Service center.

- *Do Not Disturb Service*, which permits customers to decide when they want to receive calls and when they choose not to be interrupted. Customers can also create a list of up to 15 telephone numbers that will always get through.

(6) Progress on activities within the IILC relating to implementation of service-specific and long-term uniformity.⁸

Bell Atlantic continues to actively participate in the resolution of uniformity issues addressed by the Network Interconnection/Interoperability Forum, or NIIF , the replacement for the IILC, which has been dissolved. During 1998, the NIIF came to consensus on NIIF Issue #0011 - ISDN Information for ESPs and is currently working on, among other items, NIIF Issue #0006 - AIN Trigger Usage in A Multiple Provider Environment.

⁸ Order at ¶ 33.

(7) Progress in providing billing information, including billing name and address (“BNA”), line-side calling number identification (“CNI”), or possible CNI alternatives, and call detail services to ESPs.⁹

Bell Atlantic currently provides a wide range of services to facilitate ESP billing and has satisfied ESP requests for those services. Participation in industry forums and support of industry initiatives to develop new billing services will continue.

⁹ *Id.* at ¶ 14.

(8) Progress in developing and implementing operations support services (“OSSs”) and ESP access to those services.¹⁰

As outlined in prior amendments, Bell Atlantic has deployed a multitude of OSS access capabilities for ESPs offering a wide variety of functions and capabilities covering provisioning, repair, maintenance, billing, and account inquiry. Bell Atlantic will continue to enhance existing OSS access systems and develop new access systems to meet identified ESP requirements.

¹⁰ Order at ¶ 47.

(9) Progress on the uniform provision of OSSs.¹¹

Bell Atlantic continues to support industry efforts to develop uniform OSS standards. It is Bell Atlantic's standard practice to use standard interfaces whenever practicable.

¹¹ *Id.* at ¶ 29.

(10) BSEs used in the provision of Bell Atlantic's own enhanced services.¹²

The BSEs Bell Atlantic currently uses to provide its enhanced services are:

800 Access Service
Access to Customer Premises Announcement
Alternate Routing
Call Redirection
Closed User Groups
Conditioning
Custom Calling Services
Direct Call
Fast Select Acceptance
High-Capacity Digital Hand-off Service
Hunting Service Arrangements
Hunting Service Arrangements - Circular
Hunting Service Arrangements - Preferred
Internet Protocol Routing Service
Line Hunting Service
Loop Diversity
Make Busy Arrangements
Messaging Services Interface
Monthly Detailed Connection Files
Multiple Channel/Line Hunt Groups
Multiple Network Addresses (Packet)
Non-Hunt Directory Numbers
One Number Service
Premier Messaging Services Interface
Reconfiguration Service
Reverse Charge Acceptance
Ring Count Change Interface
RPOA Preselection
Uniform Call Distribution And Queuing

¹² *Id.* at ¶ 61.

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SUMMARY FOR BELL ATLANTIC

APPENDIX A

Percentage Availability of ONA Services By Date

Type	Generic Name of ONA Service	Bell Atlantic Service Name	12/31/98	12/31/99	12/31/00	12/31/01
BSA	CATEGORY 1, TYPE A - CIRCUIT SWITCHED LINE BSA	BUSINESS INDIVIDUAL LINE	100	100	100	100
		LINESIDE BSA	100	100	100	100
BSA	CATEGORY 1, TYPE B - CIRCUIT SWITCHED TRUNK BSA	TRUNKSIDE BSA - 950 OPTION	100	100	100	100
		- 10XXX OPTION	100	100	100	100
		- SWITCHED 56 OPTION	**	**	**	**
BSA	CATEGORY 2, TYPE A - X.25 PACKET SWITCHED BSA	PUBLIC DATA NETWORK: X.25	100	100	100	100
BSA	CATEGORY 2, TYPE B - X.75 PACKET SWITCHED BSA	PACKET SWITCHED: X.75	100	100	100	100
BSA	CATEGORY 3, TYPE A - DEDICATED METALLIC BSA	DEDICATED METALLIC	100	100	100	100
BSA	CATEGORY 3, TYPE B - DEDICATED TELEGRAPH BSA	DEDICATED TELEGRAPH	100	100	100	100
BSA	CATEGORY 3, TYPE C - DEDICATED VOICE GRADE BSA	DEDICATED VOICE GRADE	100	100	100	100
BSA	CATEGORY 3, TYPE D - DEDICATED PROGRAM AUDIO BSA	DEDICATED PROGRAM AUDIO	100	100	100	100
BSA	CATEGORY 3, TYPE E - DEDICATED VIDEO BSA	DEDICATED VIDEO SERVICES	92	92	93	93
BSA	CATEGORY 3, TYPE F - DEDICATED DIGITAL (< 64 KBPS) BSA	DIGITAL DATA SERVICE	100	100	100	100
BSA	CATEGORY 3, TYPE G - DEDICATED HIGH CAPACITY DIGITAL	DIRECT HIGH CAPACITY DIGITAL	100	100	100	100
	(1.544 MBPS) BSA					
BSA	CATEGORY 3, TYPE H - DEDICATED HIGH CAPACITY DIGITAL	HIGH CAPACITY/LIGHTWAVE SERVICE	92	92	93	93
	(>1.544 MBPS) BSA					
BSA	CATEGORY 3, TYPE I - DEDICATED ALERT TRANSPORT BSA	REACT	**	**	**	**
BSA	CATEGORY 3, TYPE J - DEDICATED DERIVED CHANNEL BSA	DEDICATED DERIVED CHANNEL	**	**	**	**
BSA	CATEGORY 4, DEDICATED NETWORK ACCESS LINK BSA	DEDICATED NETWORK ACCESS LINK	100	100	100	100

** Will be deployed in response to a request for service.

Preliminary Planning Information through December 31, 2001

b IBELL ATLANTIC DEPLOYMENT OF ONA SERVICES

2

BSE	ALTERNATE ROUTING	ALTERNATE TRAFFIC ROUTING	100	100	100	100
BSE	ANSWER SUPERVISION WITH A LINE SIDE INTERFACE	ANSWER SUPERVISION WITH A LINE SIDE INTERFACE	**	**	**	**
CNS	AUTOMATIC CALL BACK	REPEAT CALL	99	99	99	99
CNS	AUTOMATIC RECALL	RETURN CALL	99	99	99	99
BSE	CALL DETAILED RECORDING REPORTS	CALL DETAILED RECORDING REPORTS	**	**	**	**
CNS	CALL FORWARDING - BUSY LINE INTRASWITCH	FIXED CALL FORWARDING	99	99	99	99
CNS	CALL FORWARDING - BUSY LINE INTERSWITCH	FIXED CALL FORWARDING	99	99	99	99
CNS	CALL FORWARDING - DON'T ANSWER AFTER CALL WAITING	CALL FORWARDING DON'T ANSWER	94	94	94	94
CNS	CALL FORWARDING - DON'T ANSWER INTRASWITCH	FIXED CALL FORWARDING	99	99	99	99
CNS	CALL FORWARDING - DON'T ANSWER INTERSWITCH	FIXED CALL FORWARDING	99	99	99	99
CNS	CALL FORWARDING - MULTIPLE SIMULTANEOUS	CALL FORWARDING - MULTIPLE SIMULTANEOUS CALLS	**	**	**	**
	CALLS INTERSWITCH	INTERSWITCH				
CNS	CALL FORWARDING - VARIABLE	CALL FORWARDING	100	100	100	100
CNS	CALL FORWARDING - VARIABLE ACTIVATION W/O COURTESY CALL	CALL FORWARDING - VARIABLE ACTIVATION W/O COURTESY CALL	**	**	**	**
CNS	CALL FORWARDING - VARIABLE - REMOTE ACTIVATION/CONTROL	ULTRA FORWARD	100	100	100	100
CNS	CALL FORWARDING WITH VARIABLE RINGS	RING COUNT CHANGE	100	100	100	100
CNS	CALL WAITING	CALL WAITING	100	100	100	100
CNS	CALL WAITING - CANCEL	TONE BLOCK	99	99	99	99
BSE	CALLED DIRECTORY NUMBER DELIVERY VIA DID	DIRECT INWARD DIALING SERVICE	100	100	100	100
BSE	CALLING BILLING NUMBER DELIVERY - FG B PROTOCOL	AUTOMATIC NUMBER IDENTIFICATION (ANI) TRUNKSIDE	100	100	100	100
		BSA - 950 OPTION				
BSE	CALLING BILLING NUMBER DELIVERY - FG D PROTOCOL	AUTOMATIC NUMBER IDENTIFICATION (ANI) TRUNKSIDE	100	100	100	100
		BSA - 10XXX OPTION				
BSE	CALLING DIRECTORY NUMBER DELIVERY VIA BCLID	BULK CALLER LINE IDENTIFICATION	**	**	**	**
BSE	CALLING DIRECTORY NUMBER DELIVERY - ICLID	CALLER ID	99	99	99	99
BSE	CARRIER SELECTION ON REVERSE CHARGE	800 ACCESS SERVICE	100	100	100	100
CNS	CUSTOMER ORIGINATED TRACE	CALL TRACE	99	99	99	99

** Will be deployed in response to a request for service.

Preliminary Planning Information through December 31, 2001